

REMARKS

Informalities

Examiner has rejected claims 16 through 20 for various informalities. Applicant has amended claims 16 through 20 to correct the informalities

Claim Rejections - 35 U.S.C. § 103

Examiner has rejected claims 1 through 20 under 35 U.S.C. § 103(a) as being unpatentable over USPN 5,724,595 (Gentner) in view of USPN 6,008,811 (Miller). Applicant respectfully traverses the rejection and requests reconsideration.

Criteria for a Rejection under 35 U.S.C. § 103(a)

The U.S. Patent and Trademark Office has set forth a methodology for establishing a *prima facie* case of obviousness. Specifically, three basic criteria must be met.

First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be a reasonable expectation of success. Finally, the prior art reference (or references when combined) must teach or suggest all the claim limitations.

See MPEP 706.02 (j).

Applicant believes Examiner has failed to establish a *prima facie* case of obviousness because none of the cited references discloses or suggests the limitations set out in the claims.

Below, Applicant shows the patentability of each independent claim. On the basis of this, Applicant believes all the claims are patentable over the cited art.

Brief Description of Gentner

Gentner discloses a simple method for creating hypertext links. When a user wishes to create a link to a target document, the mouse cursor is moved over the drag target in the control area of the target window and the select button on the mouse is pressed. The title and URL of the target hypertext page are stored in a memory buffer. See column 3, lines 35 through 39. When the user moves the mouse pointer to the desired location the original hypertext page 12 and releases the mouse button 44, the title of the target page is inserted into the text of the original page at the location of the mouse pointer and the title of the target page is underlined and shown in a special color (normally blue) to indicate that it is a hypertext link. See column 3, lines 43 through 55.

Brief Description of McMillan

McMillan discloses a drag and drop metaphors for non-programmable emulation environments. McMillan extends the concept of drag and drop metaphors, which are common in a workstation environment, to non-programmable terminals such as 3270 terminals. McMillan does not discuss the internet, web pages or URLs.

Discussion of Independent Claim 1

Claim 1 sets out a method for printing a URL page by a computing system. This is subject matter not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs and so is not concerned with printing a URL page.

Gentner discusses creating hypertext links. However, Gentner is not concerned with printing out URL pages.

Step (a) of claim 1, indicates a reference to a URL address is dragged and dropped upon a print icon. This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.

Gentner discusses creating hypertext links. However, the links are to target documents. Gentner does not disclose or suggest dropping a URL address on a print icon.

In step (a.1) the URL page is accessed from an Internet network. This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.

In Gentner, during a drag and drop operation *the URL page is never accessed*. In Gentner, as the result of a drag and drop operation, the *title* of the target page is inserted into the text of the original page at the location of the mouse pointer and the title of the target page is underlined and shown in a special color (normally blue) to indicate that it is a hypertext link. See

column 3, lines 43 through 55. However, Gentner does not access the URL page itself.

In substep (a.2) the URL page is printed on a printer. Substep (a.1) and substep (a.2) are performed without displaying the URL page to a user of the computing system. This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.

In Gentner, is not concerned with printing out URL pages.

The chart below summarizes the limitations of independent claim 1 not found in McMillan or Gentner.

Subject matter in claim 1	Gentner	McMillan
Preamble: Printing a URL page	Does not disclose printing a URL page	Does not disclose printing a URL page
Step (a): Drag and drop a URL address upon a print icon	Does not disclose drag and drop of a URL address upon a print icon	Does not disclose drag and drop of a URL address upon a print icon
Substep (a.1): Accessing a URL page when a drag and drop is performed	Gentner does not access the URL page upon a drag and drop into a document	McMillan does not discuss accessing a URL page
Substep (a.2): Printing a URL page on a printer	Does not disclose printing a URL page on a printer	Does not disclose printing a URL page on a printer

Essentially none of the pertinent subject matter of claim 1 is disclosed or suggested by Gentner or McMillan. While these references describe some form of drop and drag functionality, neither of these references address any of the issues involved in printing a URL page nor does either reference address what is necessary to implement a drag and drop feature of a URL address over a print icon.

Since none of the disclosed limitations of claim 1 are disclosed in either Gentner or McMillan, Applicant believes it is clear that Examiner has failed to establish a *prima facie* case of obviousness.

Discussion of Independent Claim 8

Claim 8 sets out a method for printing a URL page by a computing system. This is subject matter not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs and so is not concerned with printing a URL page.

Gentner discusses creating hypertext links. However, Gentner is not concerned with printing out URL pages.

Step (a) of claim 8 indicates a reference to a URL address is dragged and dropped upon a desktop for the computing system. This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.

Gentner discusses creating hypertext links. However, the links are to target documents. Gentner does not disclose or suggest dropping a URL address upon a desktop.

In step (a.1) A special icon representing the URL page address is created on the desktop . This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.

In Gentner, during a drag and drop operation *the URL page is never accessed*. In Gentner, as the result of a drag and drop operation, the *title* of the target page is inserted into the text of the original page at the location of the mouse pointer and the title of the target page is underlined and shown in a special color (normally blue) to indicate that it is a hypertext link. See column 3, lines 43 through 55. Gentner does not disclose or suggest creating a special icon on the desktop.

In step (b), upon a user performing a function to activate the special icon, the URL page is printed. McMillan does not disclose or suggest printing URL pages. Gentner likewise does not disclose or suggest printing out URL pages.

Discussion of Independent Claim 16

Claim 16 sets out computer readable medium containing software, which when executed performs a method for printing a URL page by a computing system. This is subject matter not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs and so is not concerned with printing a URL page.

Gentner discusses creating hypertext links. However, Gentner is not concerned with printing out URL pages.

Step (a) of claim 16 indicates a reference to a URL address is dragged and dropped upon a print icon. This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.

Gentner discusses creating hypertext links. However, the links are to target documents. Gentner does not disclose or suggest dropping a URL address on a print icon.

In step (a.1) the URL page is accessed from an Internet network. This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.

In Gentner, during a drag and drop operation *the URL page is never accessed*. In Gentner, as the result of a drag and drop operation, the *title* of the target page is inserted into the text of the original page at the location of the mouse pointer and the title of the target page is underlined and shown in a special color (normally blue) to indicate that it is a hypertext link. See column 3, lines 43 through 55. However, Gentner does not access the URL page itself.

In substep (a.2) the URL page is printed on a printer. Substep (a.1) and substep (a.2) are performed without displaying the URL page to a user of the computing system. This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.

In Gentner, is not concerned with printing out URL pages.

Essentially none of the pertinent subject matter of claim 16 is disclosed or suggested by Gentner or McMillan. While these references describe some form of drop and drag functionality, neither of these references address any of the issues involved in printing a URL page nor does either reference

address what is necessary to implement a drag and drop feature of a URL address over a print icon.

Discussion of Independent Claim 19

Claim 19 sets out computer readable medium containing software, which when executed performs a method for printing a URL page by a computing system. This is subject matter not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs and so is not concerned with printing a URL page.

Gentner discusses creating hypertext links. However, Gentner is not concerned with printing out URL pages.

In step (a) of claim 19 indicates a reference to a URL address is dragged and dropped upon a desktop for the computing system. This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.

Gentner discusses creating hypertext links. However, the links are to target documents. Gentner does not disclose or suggest dropping a URL address upon a desktop.

In step (a.1) A special icon representing the URL page address is created on the desktop . This subject matter is not disclosed or suggested by Gentner or McMillan.

McMillan does not discuss the internet, web pages or URLs.


In Gentner, during a drag and drop operation *the URL page is never accessed*. In Gentner, as the result of a drag and drop operation, the *title* of the target page is inserted into the text of the original page at the location of the mouse pointer and the title of the target page is underlined and shown in a special color (normally blue) to indicate that it is a hypertext link. See column 3, lines 43 through 55. Gentner does not disclose or suggest creating a special icon on the desktop.

In step (b), upon a user performing a function to activate the special icon, the URL page is printed. McMillan does not disclose or suggest printing URL pages. Gentner likewise does not disclose or suggest printing out URL pages.

Conclusion

Applicant believes that the present Application is in condition for allowance and favorable action is respectfully requested.

Respectfully submitted,
KENNETH W. CRANGEL, ET AL.

By 
Douglas L. Weller
Reg. No. 30,506

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Santa Clara, California
(408) 985-0642

VERSION WITH MARKINGS TO SHOW CHANGES MADE

The following amendments have been made to the Claims.

Claims 16 through 20 have been amended as follows:

1 16. (Amended) ~~Storage media that stores software~~Computer readable
2 medium containing software, which when executed performs a method for
3 printing a URL page by a computing system, the method comprising the
4 following steps:

5 (a) when a reference to a URL address is dragged and dropped upon a
6 print icon performing the following substeps:

7 (a.1) accessing the URL page from an Internet network; and,

8 (a.2) printing the URL page on a printer;

9 wherein substep (a.1) and substep (a.2) are performed without
10 displaying the URL page to a user of the computing system.

1 17. (Amended) Computer readable medium~~Storage media~~ as in claim
2 16 wherein substep (a.2) includes the following substeps:

3 when the URL page is unchanged from a time when the URL page was
4 previously printed by the computing system, so notifying the user of the
5 computing system and giving the user of the computing system an
6 opportunity to cancel printing.

1 18. (Amended) Computer readable medium~~Storage media~~ as in claim
2 16 wherein in substep (a.1) the reference to the URL address is dragged from
3 one of the following locations:

4 a subscription list available as part of a resource utilized by a
5 print delivery Internet site;
6 URL addresses listed in a file;
7 URL addresses listed in a browser history window;
8 a URL print icon; and,
9 a browser shortcut icon.

1 19. (Amended) Computer readable medium containing
2 software~~Storage media that stores software~~, which when executed performs a
3 method for printing a URL page by a computing system, the method
4 comprising the following steps:
5 (a) when a reference to a URL address for the URL page is dragged and
6 dropped upon a desktop for the computing system, performing the following
7 substep:
8 (a.1) creating on the desktop a special icon representing the URL
9 page address; and,
10 (b) upon a user performing a function to activate the special icon,
11 performing the following substep;
12 (b.1) printing the URL page.

1 20. (Amended) Computer readable medium~~Storage media~~ as in claim
2 19 wherein substep (b.1) includes the following substeps:
3 when the URL page is unchanged from a time when the URL page was
4 previously printed by the computing system, so notifying the user of the

- 5 computing system and giving the user of the computing system an
- 6 opportunity to cancel printing.